

ABSTRACT OF THE DISCLOSURE:

A heart beat/respiration measuring device comprising a sensor adapted to be pressed against the human body, and a measuring circuit for measuring heart beats and respiration from the output of the sensor. The sensor includes a coil member elastically deformable when subjected to pressure by being pressed against the human body. The measuring circuit comprises an LC oscillation circuit wherein an inductance component and a capacitance component of the coil member serve respectively as a coil L and a capacitor C for oscillation, and a calculation processing circuit for detecting variations in the oscillation frequency of the LC oscillation circuit and calculations of a cardiac cycle, heart rate, respiratory cycle and respiration rate based on the frequency components of heart beats and respiration are included in the variations.